



OFFICE OF SCIENCE & TECHNOLOGY

Pipe Bomb Performance Characterization

Project Description:

The Technical Support Working Group (TSWG) is developing an investigative reference of Improvised Explosive Devices (IEDs) for use during post-blast analysis. The National Institute of Justice (NIJ) is funding a study to extract the performance characteristics of the most common types of pipe bombs and to provide this data--e.g, fragment size and velocity, blast and thermal characteristics, etc.-- to public safety practitioners, technology developers and standards setting organizations. This purpose of this effort is to facilitate development of better pipe bomb disablement tools and techniques and protective gear.



Status:

This project kicked off on 2 July. The program is broken down into 4 subtasks; 1) Requirements definition, 2) Pipe bomb fragmentation and Air Blast testing, 3) Data analysis and correlation, and 4) Forensic Photo-Documentation. The project will issue tech reports every six months and should be completed in FY 06'.

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